	Water Quality Analyst	
Department: Environmental Engineering		**EEO Code:** 22
Class Code: 6725		**FLSA:** E
		Effective: 01/07/2003

GENERAL STATEMENT OF DUTIES:

Under direction; performs work of considerable difficulty in conducting biological and chemical sampling of streams and storm-water monitoring; and performs other work as required.

SPECIFIC STATEMENT OF DUTIES:

Assist the Sr. Water Quality Analyst with the refinement and implementation of the Water Quality Section's comprehensive stream and storm-water monitoring programs; conducts stream sampling including bioassessment and chemical sampling as well as physical assessments; responds to citizen reports of water quality programs; conducts storm-water sampling required as part of the Water Quality Section' NPDES (National Pollution Discharge Elimination System) Permit; conducts education and outreach to citizens and organizations; and performs other work as required.

REQUIRED SKILLS, KNOWLEDGE AND ABILITIES:

Considerable knowledge and capability to review, analyze and understand an array of water quality by monitoring data; in performing statistical analyses on water quality data; knowledge of various EPA standard and methods, of analytical procedures and quality assurance, quality control protocols for sample collection, handling and analysis.

Considerable skill in communicating technical information both orally and in writing; in managing multiple tasks in a timely manner; in establishing and maintaining effective working relationships with supervisors, peers, and the general public.

Considerable ability in reviewing and analyzing an array of water quality monitoring data including biological, chemical and physical

MINIMUM EDUCATION AND EXPERIENCE:

Bachelor's degree in biology or a related natural resource field, Masters Degree preferred in desired areas; or an equivalent combination of work and experience.

ADDITIONAL REQUIREMENTS:

Experience with stream and storm-water sampling and analytical techniques.

This class specification is not intended to describe and does not necessarily list the essential job functions for a given position in a classification.